

Title (en)
Hydraulic assembly and logging equipment using same

Title (de)
Ausrüstung mit einer Hydraulikbaugruppe

Title (fr)
Équipement utilisant un ensemble hydraulique

Publication
EP 2824059 B1 20210303 (EN)

Application
EP 13181144 A 20130821

Priority
• US 201313938728 A 20130710
• CA 2820565 A 20130710

Abstract (en)
[origin: EP2824059A1] A hydraulic assembly including a pivot connection (120, 124) defining a pivot axis (122, 126), a hydraulic element linked to the pivot connection, and a connector (148, 168) for connecting a hydraulic conduit (136, 137) to the hydraulic element. The connector defines a connection axis (170, 171) and the connector is configured such that the connection axis approximately intersects the pivot axis. The hydraulic assembly may be used in various applications, including in forestry equipment, for example, with a rotator (118) link (116) assembly.

IPC 8 full level
A01G 23/00 (2006.01); **A01G 23/08** (2006.01); **B66C 3/00** (2006.01); **B66C 13/14** (2006.01); **E02F 3/36** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)
A01G 23/003 (2013.01); **B66C 3/005** (2013.01); **B66C 13/14** (2013.01); **E02F 3/3681** (2013.01); **E02F 9/2275** (2013.01)

Citation (examination)
• US 7066076 B2 20060627 - ROY MICHEL [CA], et al
• EP 2204502 A2 20100707 - KOBELCO CONSTR MACHINERY LTD [JP]
• EP 2789565 A1 20141015 - PENZ CRANE GMBH [AT]
• WO 2005064090 A2 20050714 - HOLP GMBH [DE], et al

Cited by
CN115289087A; EP3452401A4; RU2735563C2; US12000430B2; US11028552B2; WO2020099722A1; WO2017191357A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2824059 A1 20150114; EP 2824059 B1 20210303

DOCDB simple family (application)
EP 13181144 A 20130821